

FIG. 1

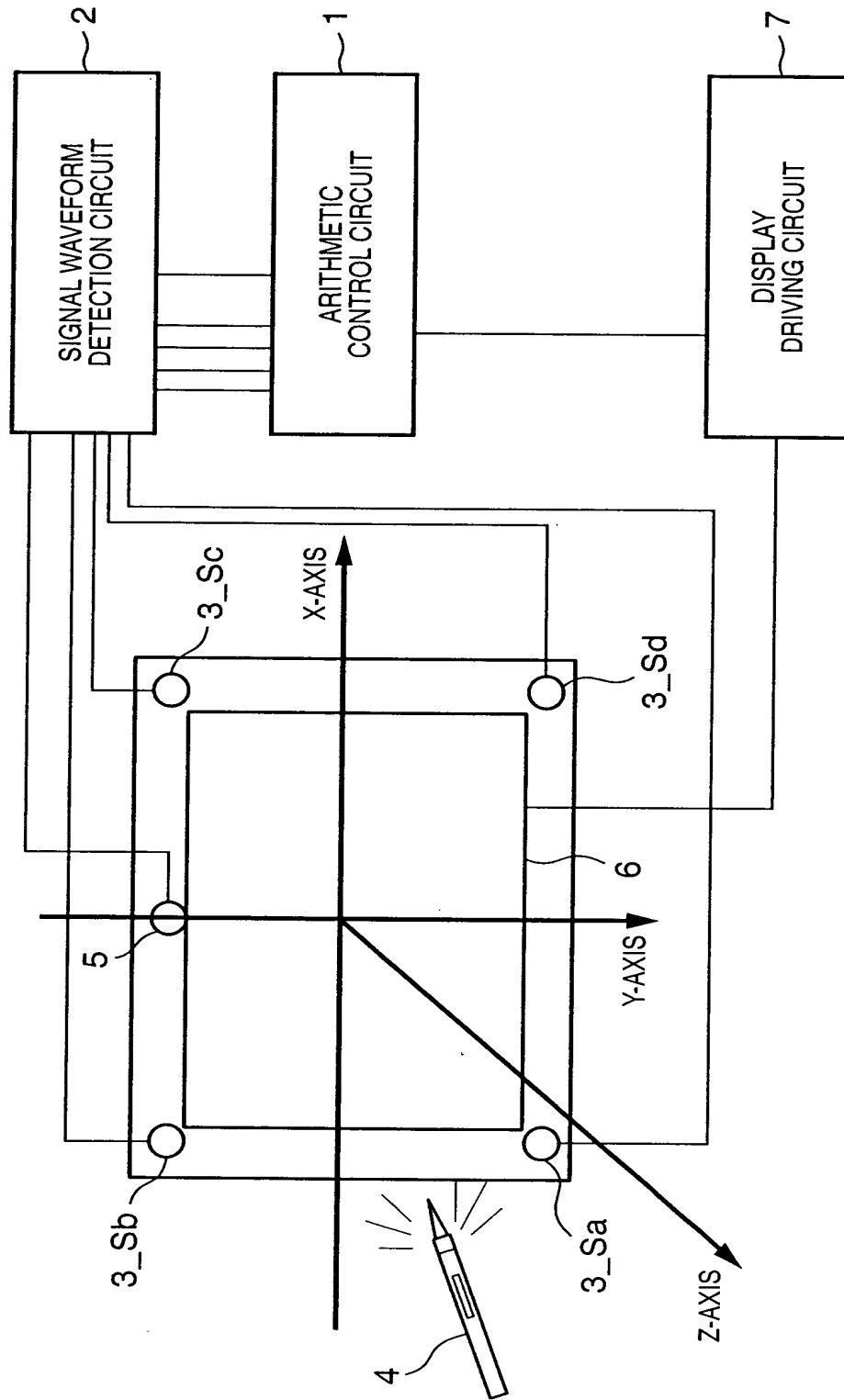


FIG. 2

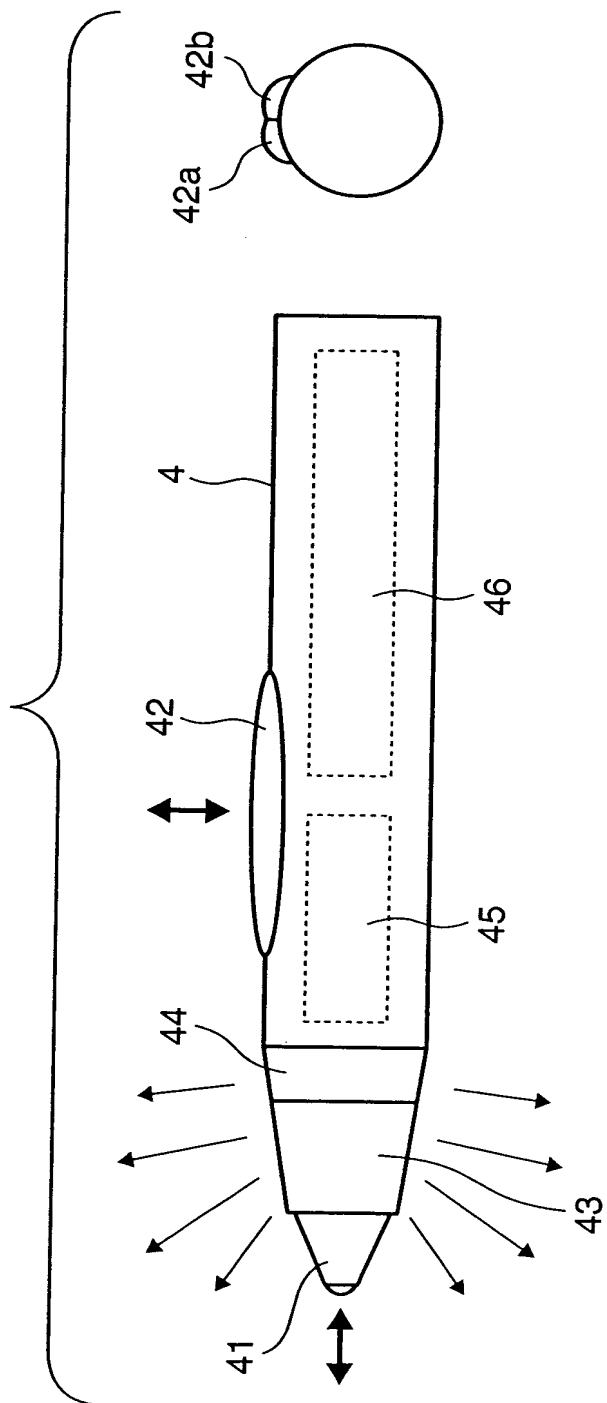


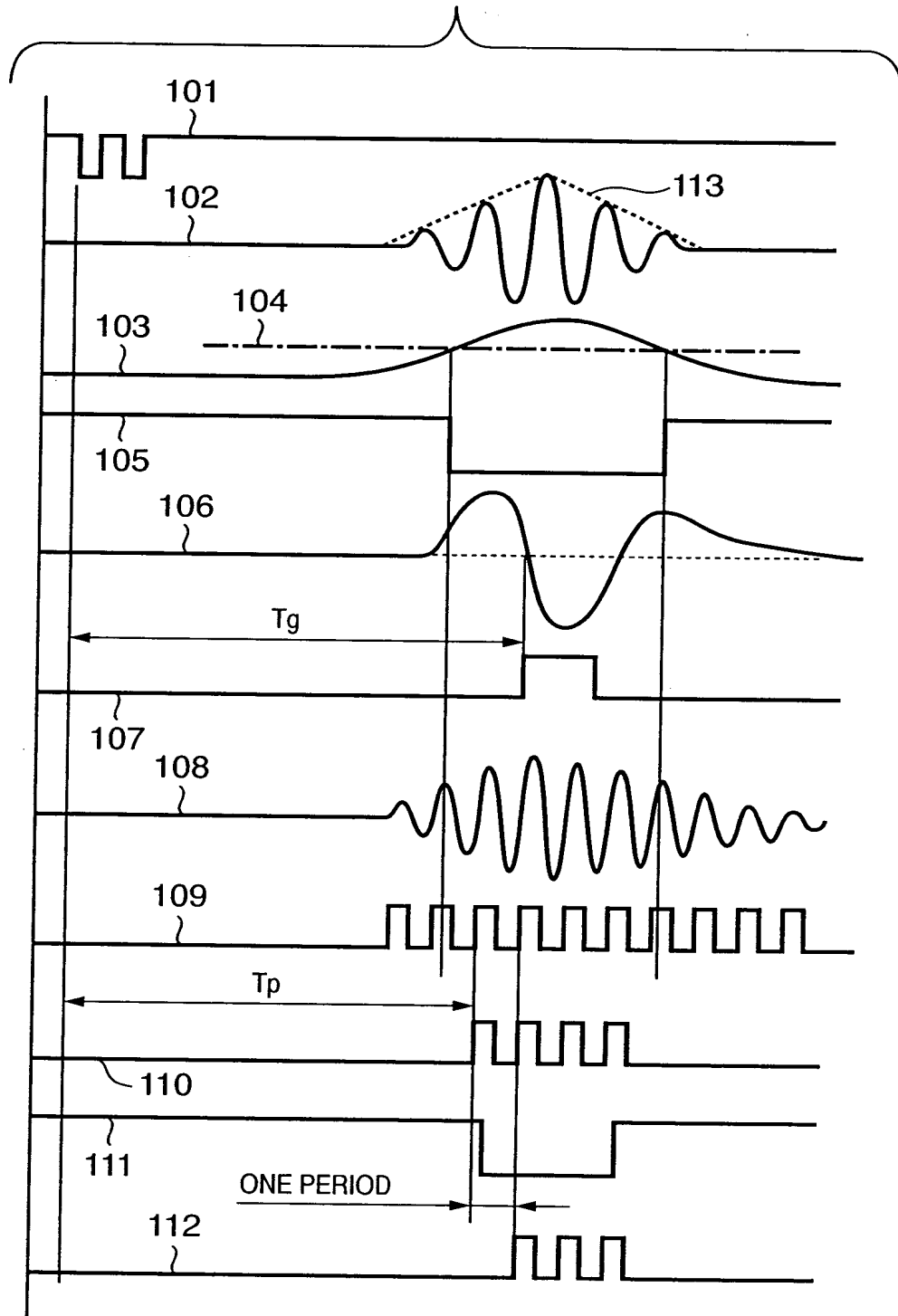
FIG. 3

FIG. 4

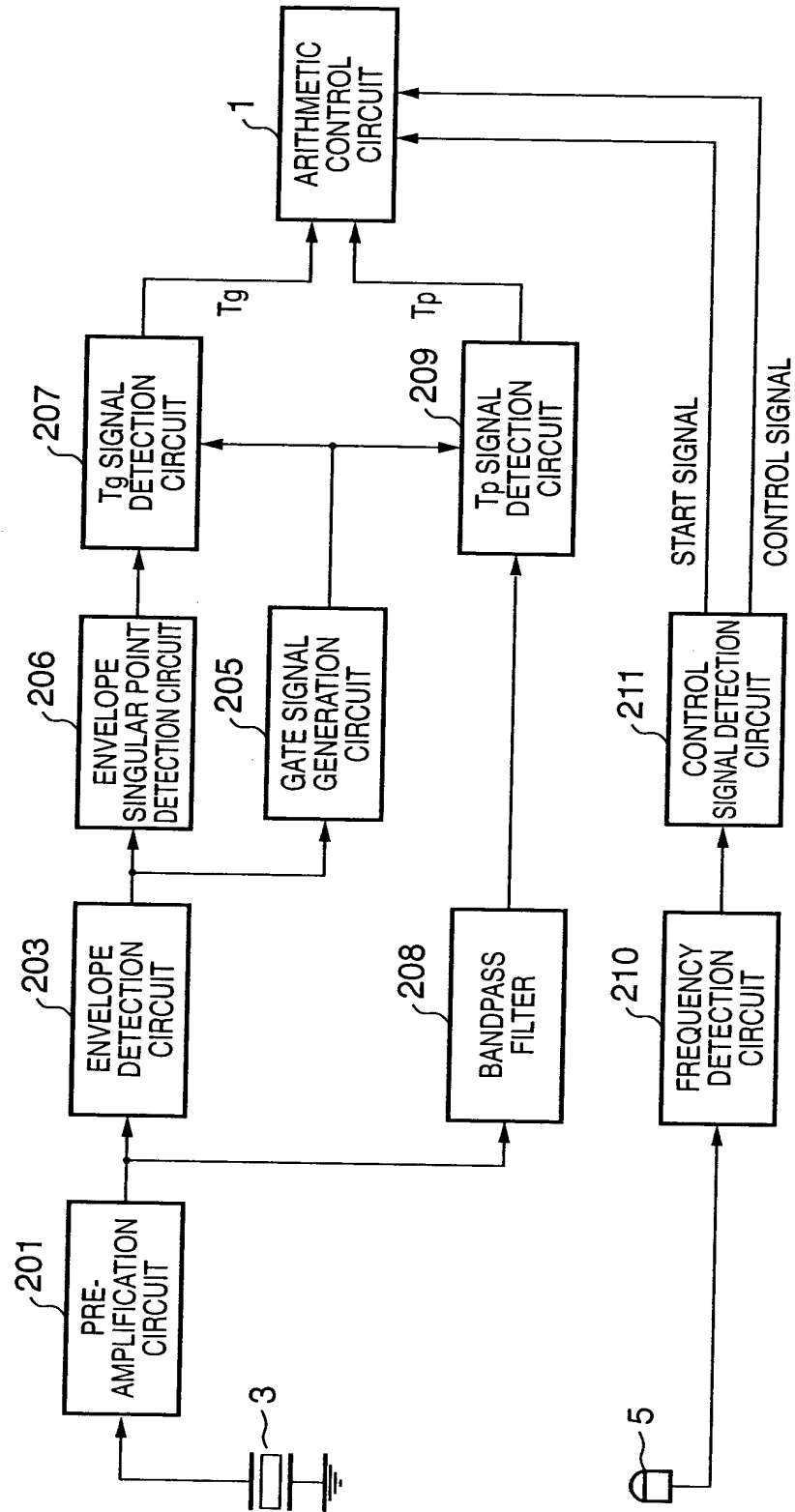


FIG. 5

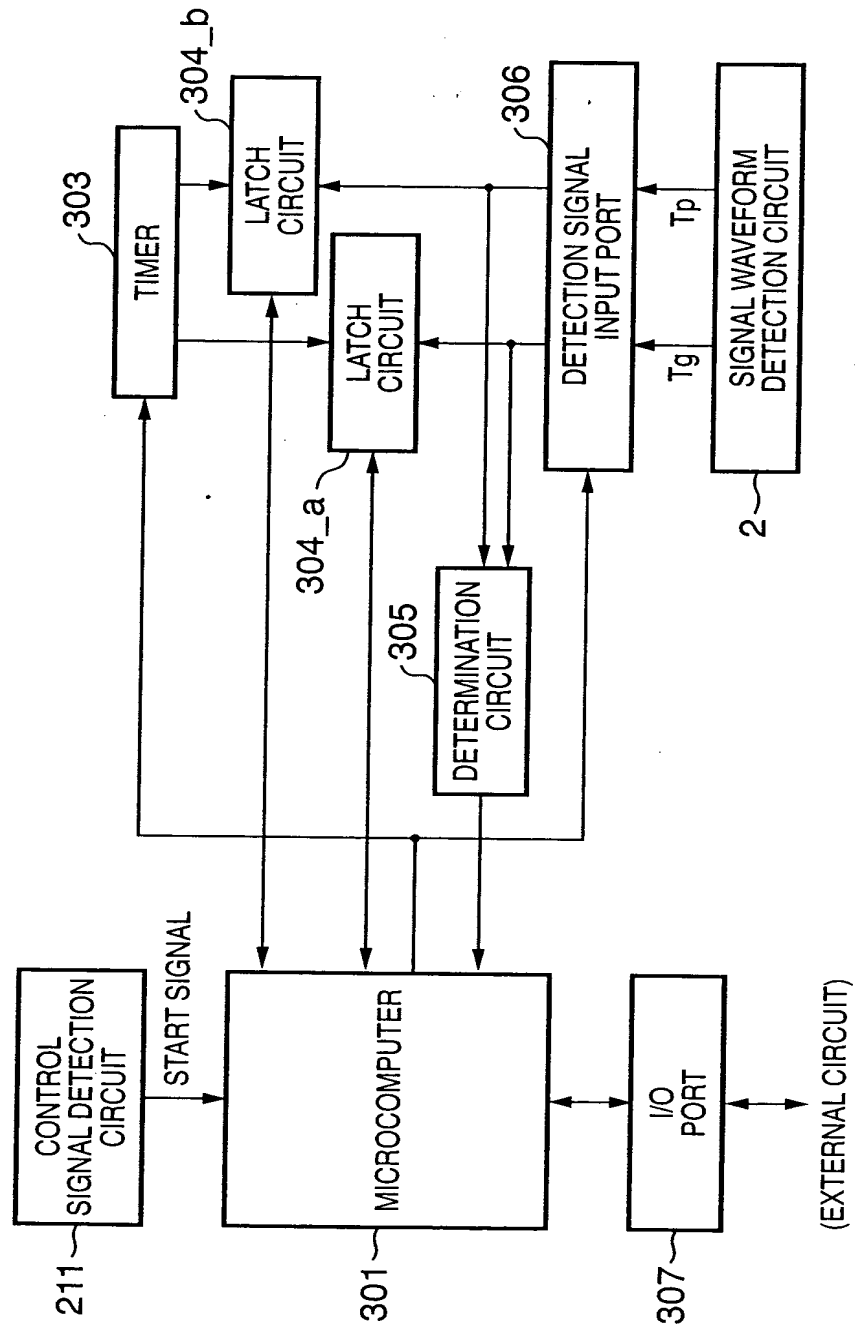


FIG. 6

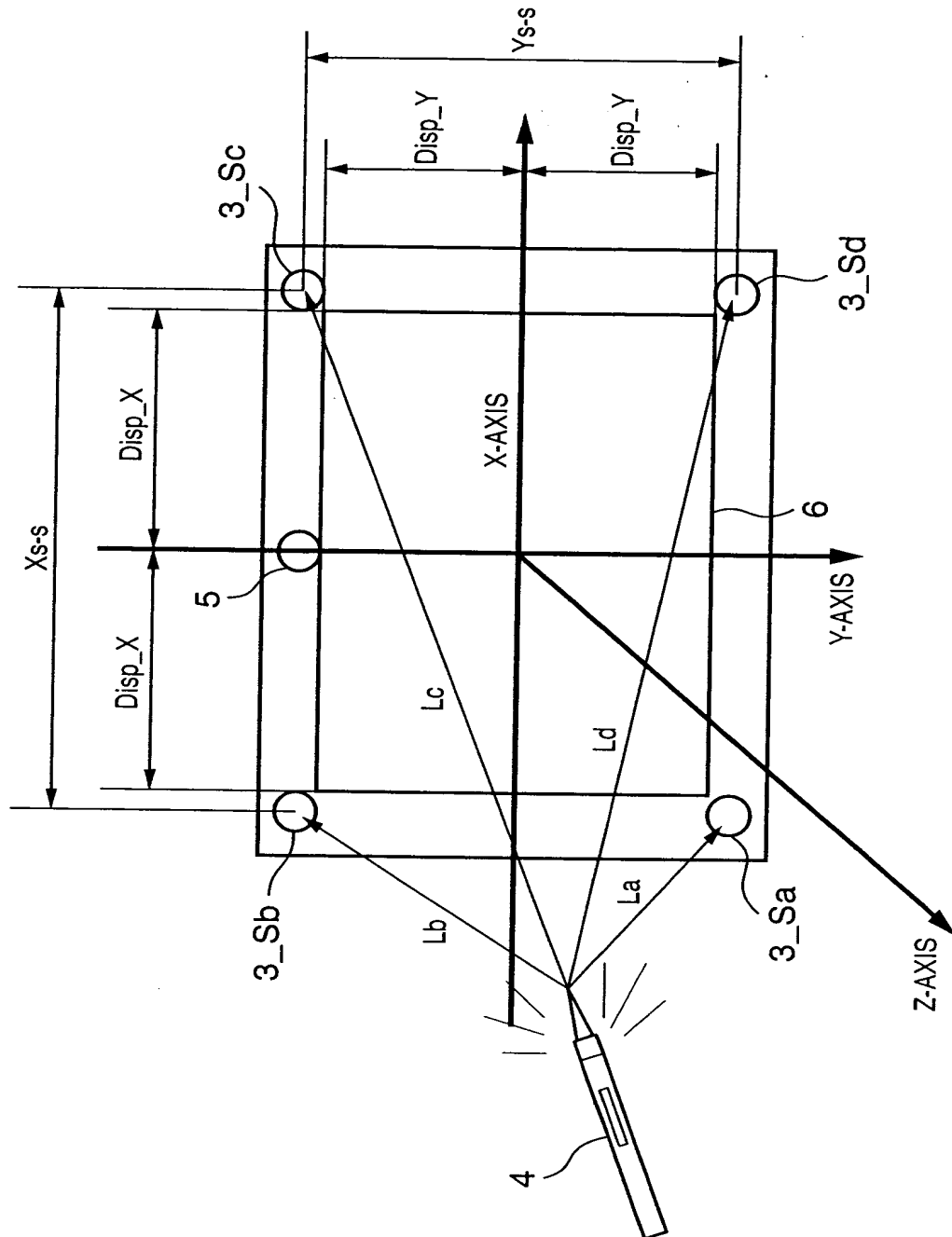


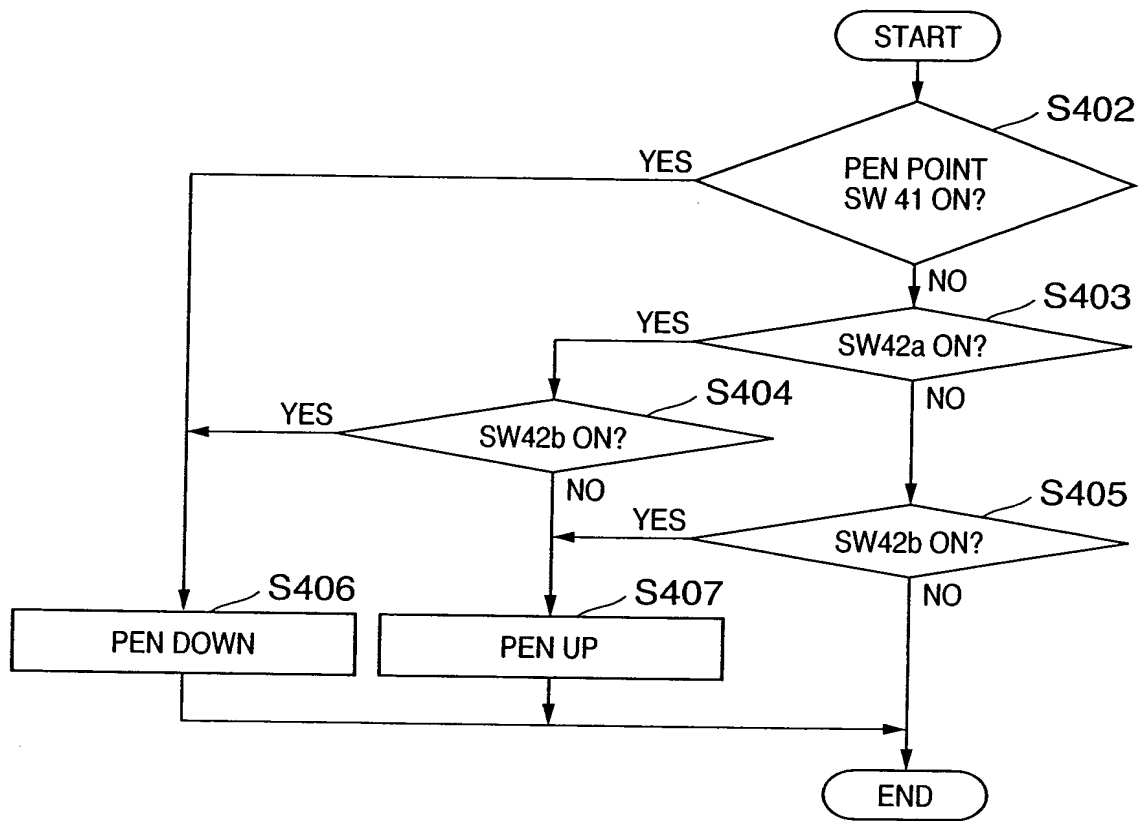
FIG. 7

FIG. 8

| PEN OPERATION MODE | | | PEN POINT SW41 | SW1 42a | SW2 42b | CALCULATED COORDINATE VALUE | | OUTPUT COORDINATE VALUE | |
|--------------------|---|-----|-------------------|------------|------------|----------------------------------|-------------------------|----------------------------|------------------------|
| | | | | | | Z-DIRECTION | X- AND Y- DIRECTIONS | ABSOLUTE COORDINATE | RELATIVE COORDINATE |
| PEN INPUT | ○ | | OFF | OFF | OFF | | | - | - |
| | | ○ | ON | - | - | = 0 | INSIDE AREA | ○ | |
| | | = 0 | | | | OUTSIDE AREA | NG | NG | |
| | | ≠ 0 | | | | - | NG | NG | |
| PROXIMITY INPUT | ○ | | OFF | ON | OFF | PREDETERMINED VALUE 1 OR LESS | INSIDE AREA | ○ | |
| | | | | | | | OUTSIDE AREA | | ○ |
| | ○ | | OFF | OFF | ON | PREDETERMINED VALUE 1 OR LESS | INSIDE AREA | ○ | |
| | | | | | | | OUTSIDE AREA | | ○ |
| REMOTE INPUT | | ○ | OFF | ON | ON | PREDETERMINED VALUE 1 OR LESS | INSIDE AREA | ○ | |
| | ○ | | OFF | ON | OFF | PREDETERMINED VALUE 1 OR MORE | - | | ○ |
| | ○ | | OFF | OFF | ON | PREDETERMINED VALUE 1 OR MORE | - | | ○ |
| | | ○ | OFF | ON | ON | PREDETERMINED VALUE 1 OR MORE | - | | ○ |

FIG. 9

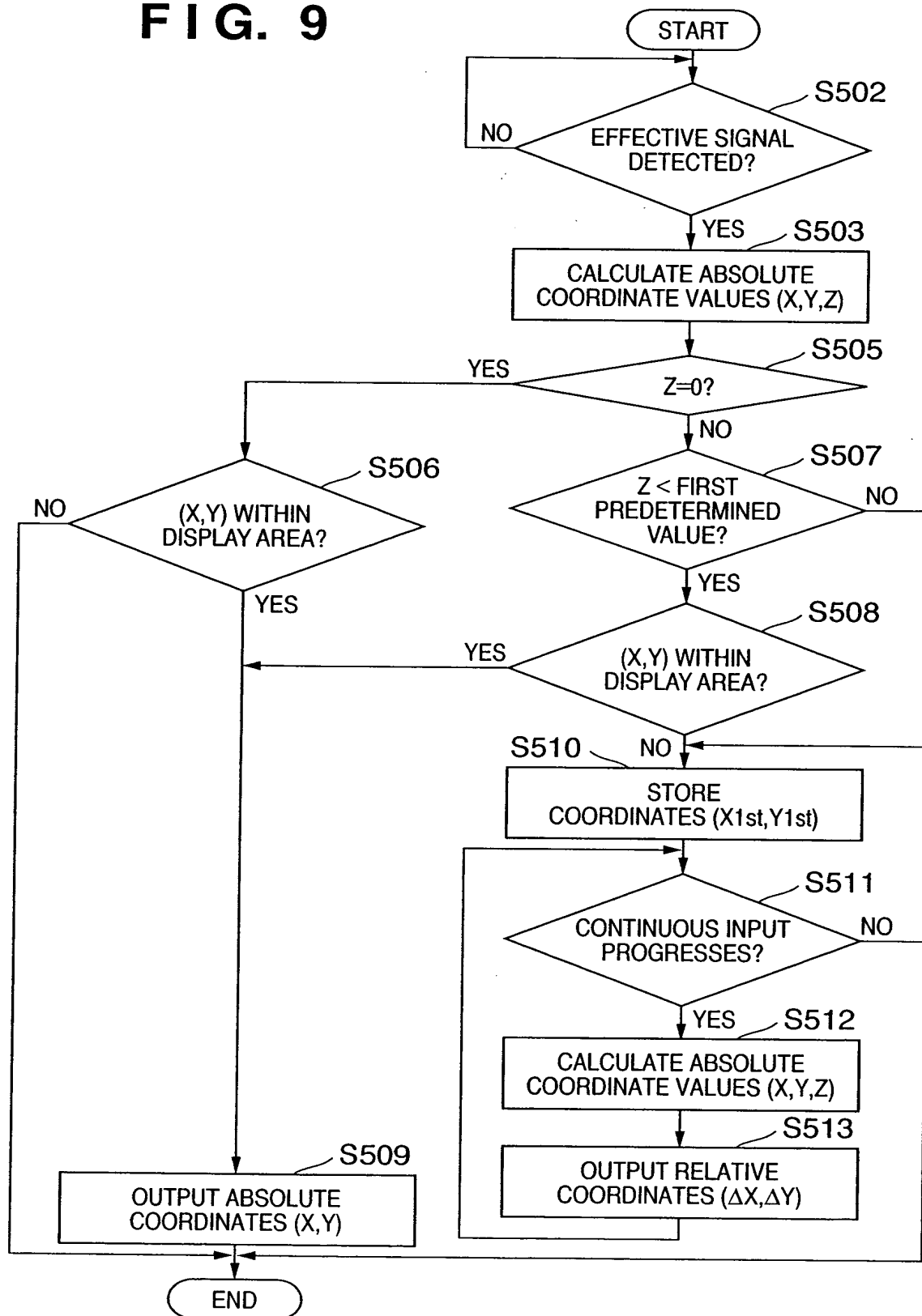


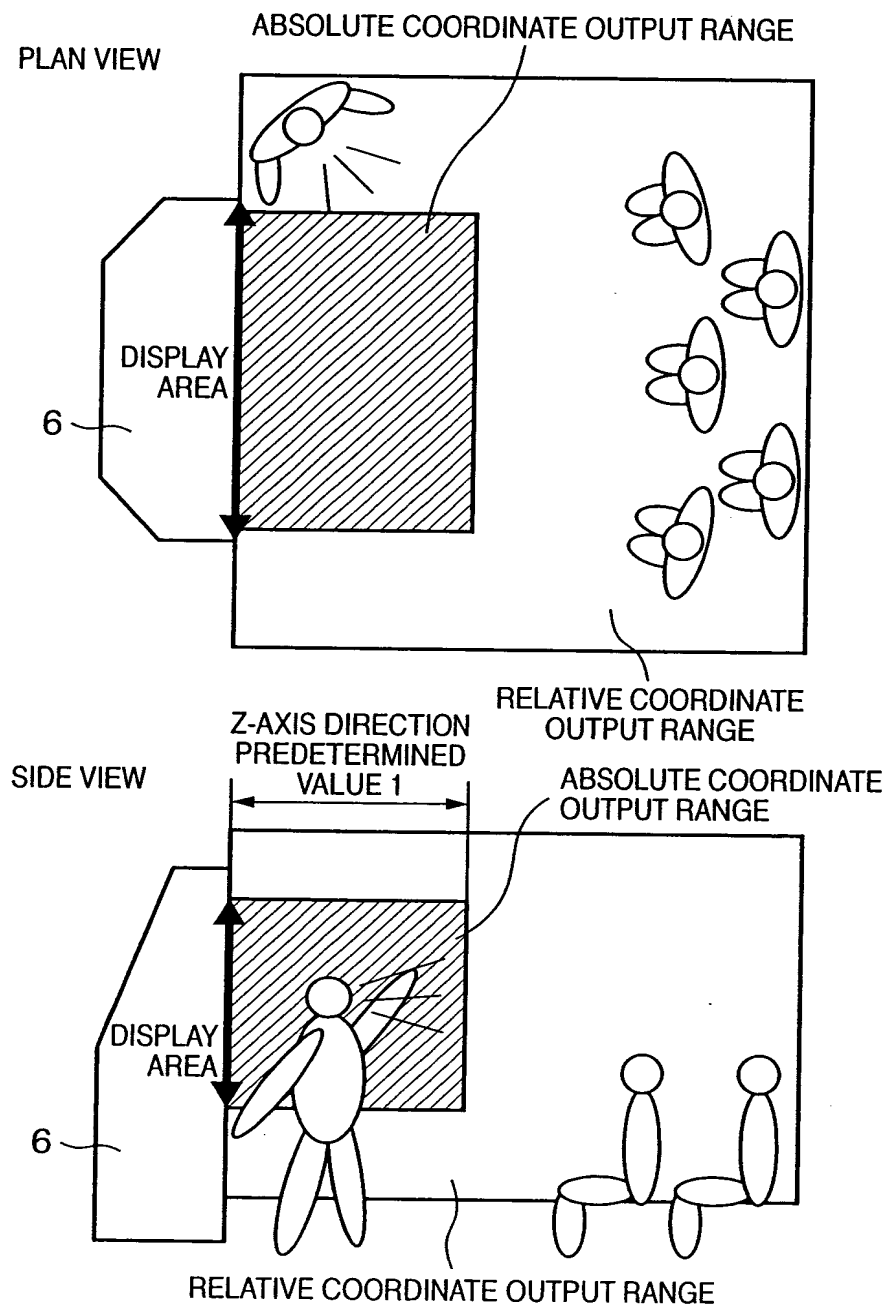
FIG. 10

FIG. 11

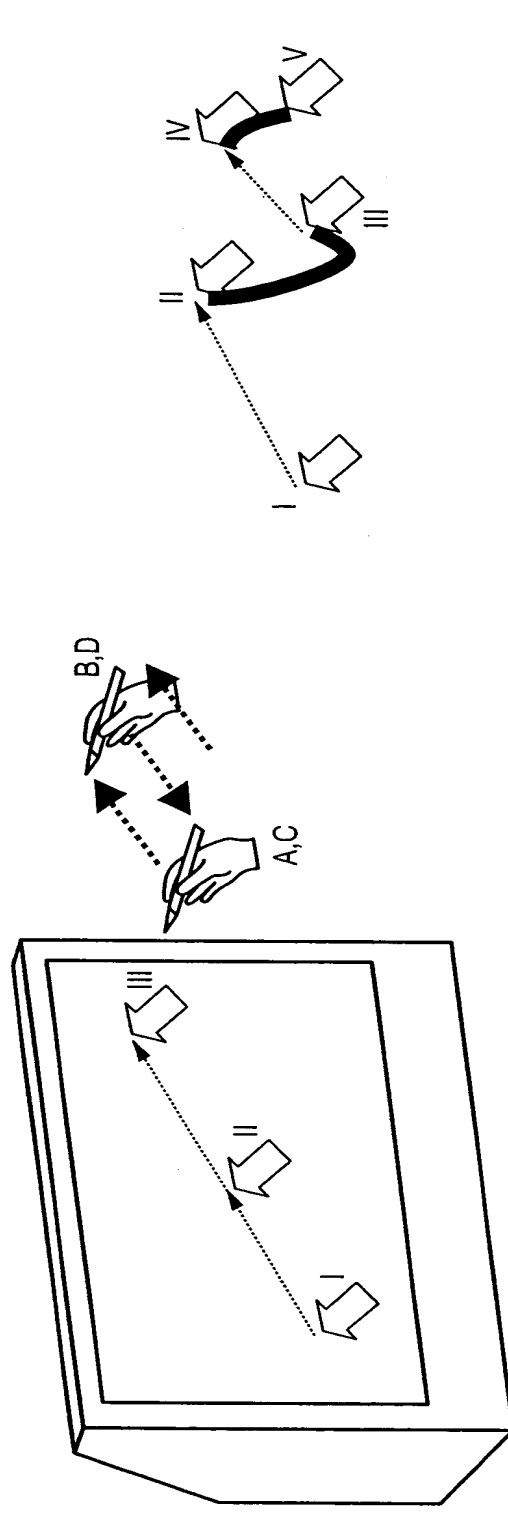


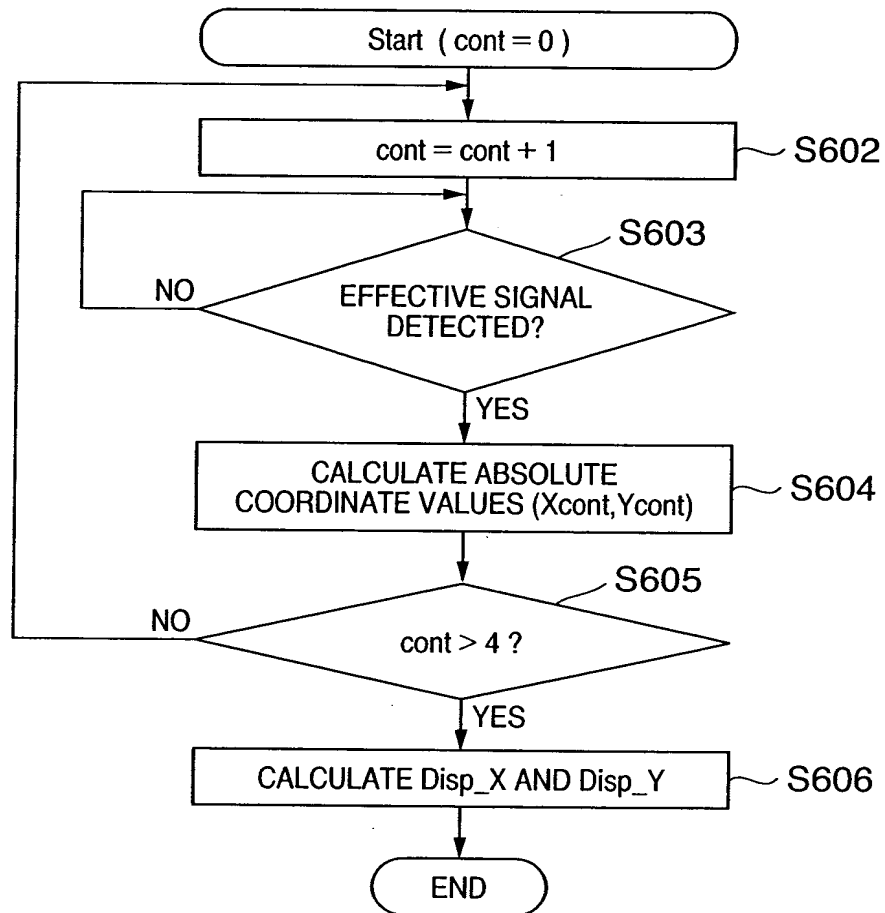
FIG. 12

FIG. 13

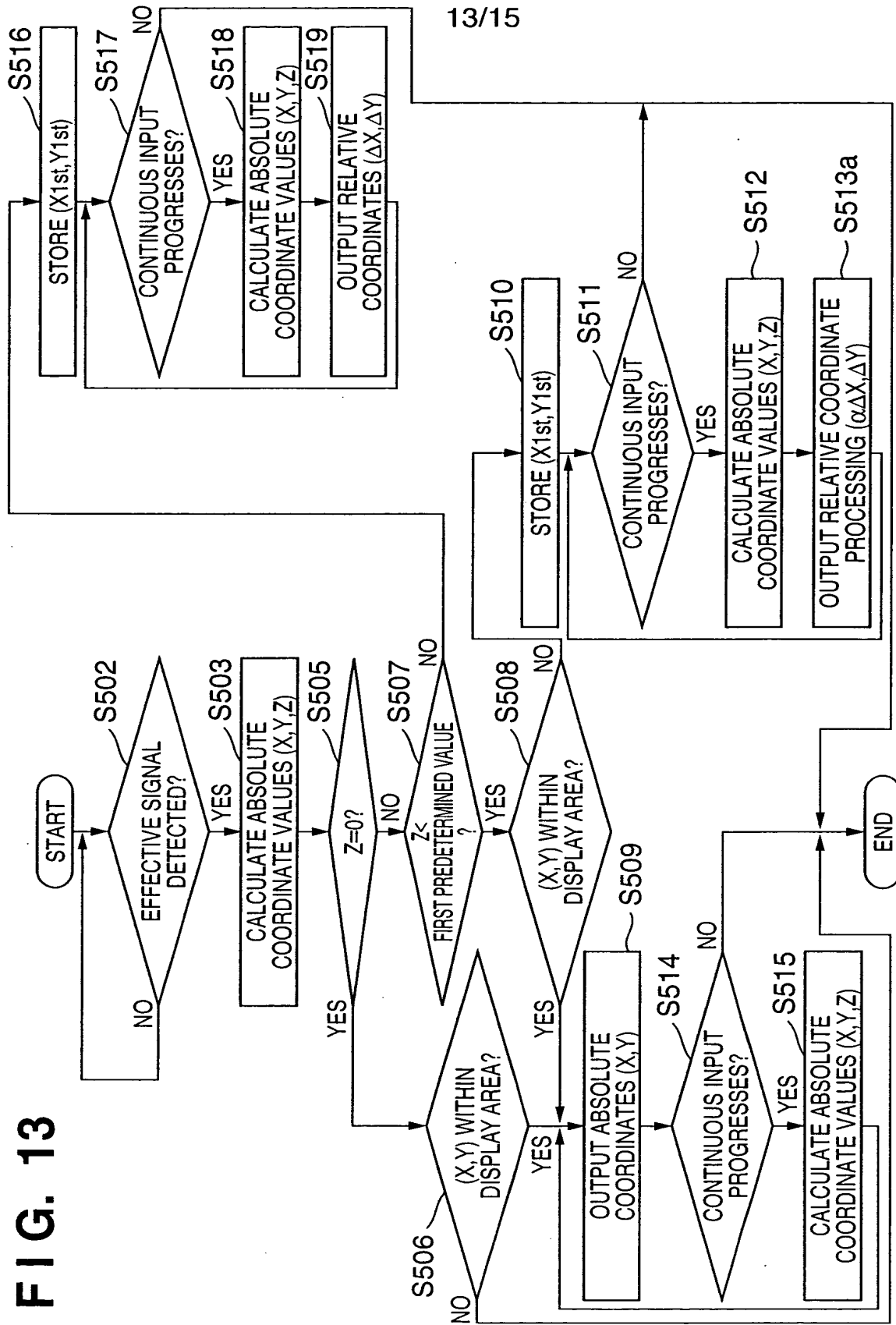


FIG. 14

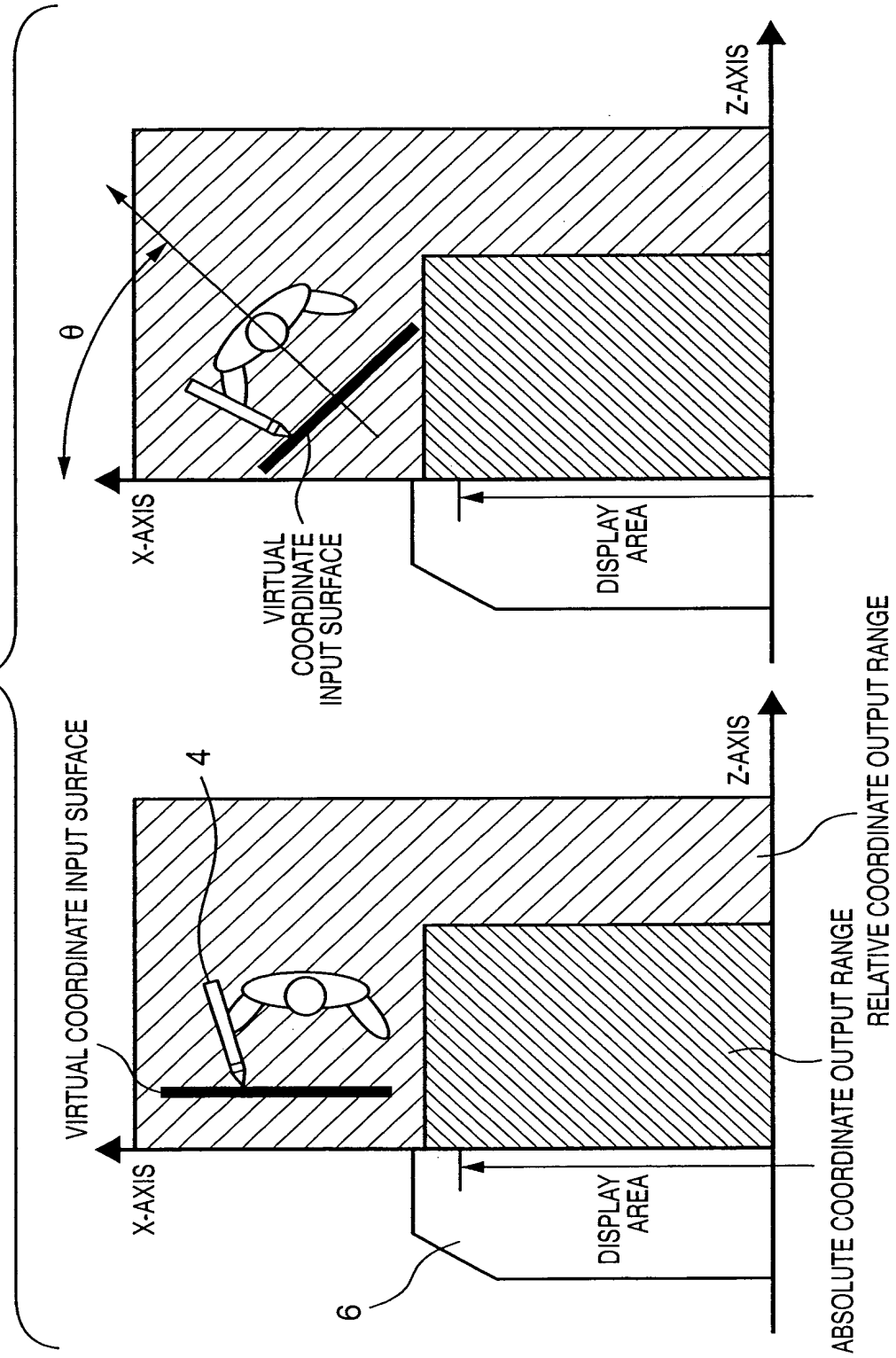


FIG. 15

```
graph TD
    START([START]) --> S502{EFFECTIVE SIGNAL DETECTED?}
    S502 -- NO --> S502
    S502 -- YES --> S503[Calculate Absolute Coordinate Values (X,Y,Z)]
    S503 --> S505{Z=0?}
    S505 -- YES --> S506{(X,Y) Within Display Area?}
    S505 -- NO --> S507{First Predetermined Value Z<?}
    S506 -- YES --> S508{(X,Y) Within Display Area?}
    S506 -- NO --> S507
    S507 -- YES --> S508
    S507 -- NO --> S510[Store X1st,Y1st]
    S508 -- YES --> S509[Output Absolute Coordinates (X,Y)]
    S508 -- NO --> S510
    S509 --> S514{Continuous Input Progresses?}
    S514 -- YES --> S515[Calculate Absolute Coordinate Values (X,Y,Z)]
    S514 -- NO --> S511{Continuous Input Progresses?}
    S515 --> S511
    S511 -- YES --> S512[Calculate Absolute Coordinate Values (X,Y,Z)]
    S511 -- NO --> S513[Output Relative Coordinate Processing αΔX,ΔY]
    S512 --> S516[Store X1st,Y1st]
    S513 --> S516
    S516 --> S517{Continuous Input Progresses?}
    S517 -- YES --> S518[Calculate Absolute Coordinate Values (X,Y,Z)]
    S517 -- NO --> S519[Output Relative Coordinate Processing αΔX,ΔY]
    S518 --> S520{Second Predetermined Value Z<?}
    S519 --> S520
    S520 -- YES --> S510
    S520 -- NO --> S511
    S510 --> S511
    S511 --> S511
    S511 --> END([END])
```